

tower. Wherein the system further includes a charging station configured to charge at least one portable power source.

**[0011]** In accordance with an embodiment of the present disclosure, a system for the distribution of resources is disclosed. The system includes a housing including at least one water vapor distillation apparatus, at least one power generating device, at least one source water tank, at least one product water tank, and at least one fuel tank.

**[0012]** In accordance with an embodiment of the present disclosure there is a kiosk for the distribution of resources. The kiosk may be used in many situations and locations, including, but not limited to, in emergency/disaster relief applications, military applications, and/or as an entrepreneurial micro-business. In some embodiments, the kiosk includes a water purification device. The water purification device is fluidly connected to a source water reservoir and a product water reservoir. The kiosk also includes at least one refrigeration apparatus. Some embodiments of the refrigeration apparatus includes at least one compartment. The kiosk also includes at least one heating element. The kiosk also includes a fuel requiring element and fuel reservoir connected to the fuel requiring element. The fuel requiring element provides power to at least the water purification device and the at least one refrigerator.

**[0013]** In accordance with other embodiments of the kiosk, the kiosk includes a water purification device which is a vapor compression water distillation device. In some embodiments at least one of the refrigerators includes a medical refrigeration compartment/section. In some embodiments the power generating element powering at least the water purification device and at least one refrigerator is a Stirling engine generator. In some embodiments, the power generating element may also power one or more other devices. Other devices may include, but are not limited to, one or more of the following: a TV, speakers serving as the audio output of the TV, lighting, at least one computer, a cellular communications tower, a charging station for chargeable devices, and an electrical mini-grid. In some embodiments, at least the TV screen is protected by a transparent panel which may be, in some embodiments, a 1/2" thick polycarbonate panel, however, in other embodiments, the thickness of the panel and/or the material the panel is made from may vary. In embodiments including a computer, the computer may be connected to the internet. In some embodiments, the kiosk may include at least one heating element. In some embodiments, the heating elements may be an oven. In these embodiments, the oven may be heated with the waste heat of the power generating element and may include a means for controlling the flow of waste heat to the oven. Some embodiments also include a teaching area and/or a medical clinic

**[0014]** In some embodiments the kiosk includes a housing. In some embodiments, the housing is a shipping container. Some embodiments of the housing may include, but are not limited to, one or more of the following characteristics/functions/elements: at least one door, water tight, and ventilation.

**[0015]** In accordance with some embodiments, the kiosk may include, but is not limited to, one or more of the following: a means to fill the source water reservoir; a means to dispense product water from the product water reservoir; a spigot to dispense product water from the product water reservoir; at least one refrigerator comprising at least one

cooled product water reservoir, and a component with a monetarily operated mechanism.

**[0016]** These and other aspects of the disclosure are not meant to be exclusive and other features, aspects, and advantages of the present disclosure will be readily apparent to those of ordinary skill in the art when read in conjunction with the appended claims and accompanying drawings.

#### BRIEF DESCRIPTION OF THE DRAWINGS

**[0017]** These and other aspects will become more apparent from the following detailed description of the various embodiments of the present disclosure with reference to the drawings wherein:

**[0018]** FIG. 1 is a view of an example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0019]** FIG. 2 is a view of an example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0020]** FIG. 3 is a view of an example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0021]** FIG. 4 is a view of another example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0022]** FIG. 5 is a view of another example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0023]** FIG. 6 is a view of another example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0024]** FIG. 7 is a view of another example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0025]** FIG. 8 is a view of another example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0026]** FIG. 9 is a view of another example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0027]** FIG. 10 is a view of another example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0028]** FIG. 11 is a view of another example of a kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0029]** FIG. 12 is an example block diagram of a kiosk for resource distribution which comprises a number of modules each of which being comprised of a number of components in accordance with an embodiment of the present disclosure;

**[0030]** FIG. 13 is an example block diagram of an example module of an example kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0031]** FIG. 14 is a view of an example water module in accordance with an embodiment of the present disclosure;

**[0032]** FIG. 15 is a view of an example water module in accordance with an embodiment of the present disclosure;

**[0033]** FIG. 16 is an exploded view of an example modular kiosk for resource distribution in accordance with an embodiment of the present disclosure;

**[0034]** FIG. 17 is a top view of an example modular kiosk for resource distribution in accordance with an embodiment of the present disclosure;